CLAIMS

1. A switch mechanism, comprising at least:

a dial component that can be rotated;

a first gear that is fitted at the outside of said dial component to rotate together with said dial component and includes a predetermined number of teeth formed at an external circumferential side surface thereof;

a second gear that includes a predetermined number of teeth formed therein and drives a driven member connected thereto;

wherein said switch mechanism includes a dial switch mechanism structure in which the rotation of said dial component is transmitted from said first gear to said second gear via a relay component.

2. A switch mechanism according claim 1,

wherein said dial member assumes a tubular shape with open ends on the two sides thereof; and

wherein a push-button switch mechanism that includes at least a sliding component slidably housed along the axis of said dial component and having a push portion located at the bottom thereof and a substrate having a switch portion to contact said push portion is fitted inside said dial component.

3. A switch mechanism according claim 2,

wherein an ON indicator member is housed inside said sliding component.